



New Jersey Department of Environmental Protection  
Site Remediation Program

**IMMEDIATE ENVIRONMENTAL CONCERN (IEC) –  
RESPONSE ACTION FORM**

☒ LSRP

☐ Subsurface Evaluator

Date Stamp  
(For Department use only)

**SECTION A. SITE NAME AND LOCATION**

Site Name: Solvay Specialty Polymers USA, LLC

List all AKAs: Pennwalt, Ausimont, Solvay Solexis

Street Address: 10 Leonard Lane

Municipality: West Deptford (Township, Borough or City)

County: Gloucester Zip Code: 08086

Program Interest (PI) Number(s): 015010

Case Tracking Number(s): 151125-1651.03

**SECTION B. NJDEP CASE MANAGER**

Case Manager (if assigned): Erica Bergman

**SECTION C. TYPE(S) OF IEC BEING REPORTED**

1. Identify the type(s) of IEC being reported. (Check all that apply)

☒ Potable Water

☐ Vapor Intrusion

☐ Direct Contact

2. Are you claiming the source of the discharge is located off-site and is not attributable to the site?..... ☐ Yes ☒ No

If "Yes," justification for this claim must be submitted with this form pursuant to N.J.A.C. 7:26-3.9.

**SECTION D. FEE BILLING CONTACT**

Business Name: Solvay Specialty Polymers USA, LLC

Phone: (856) 853-8119

Contact: Mitchell Gertz

Title: HSE Compliance Manager

Phone Number: (856) 251-6630

Ext.: \_\_\_\_\_

Fax: \_\_\_\_\_

Mailing Address: 10 Leonard Lane

Municipality: West Deptford

State: New Jersey

Zip Code: 08086

Email Address: Mitchell.Gertz@Solvay.com

**Note:** IEC and VC cases are subject to traditional oversight costs in addition to annual Remediation Fees.  
Please refer to instructions.

**SECTION E. TYPE OF SUBMISSION**

☐ **14 Day Reporting – IEC Information Submission**

1. Date of initial IEC Identification: \_\_\_\_\_

2. Date(s) of Department Hotline Notification (Required): \_\_\_\_\_

3. Date of Interim Response Action: \_\_\_\_\_

4. Date of Health Department Notification: \_\_\_\_\_

Contact Name/Agency: \_\_\_\_\_

If the type of IEC is **Vapor Intrusion** answer question 5.

5. Is the VI pathway complete? ..... ☐ Yes ☐ No

Answer "Yes," only if both a subslab and indoor air sample exceed the applicable Rapid Action Level for the contaminant of concern.

If "No," this is not an IEC and this form should not be submitted to the NJDEP. If a subslab and indoor air sample are below Rapid Action Levels but above applicable screening levels the "Vapor Concern (VC) – Response Action Form" should be submitted to the NJDEP.

☐ 120-Day Reporting – IEC Engineered System Response Action Report

☒ 1 Year Reporting – IEC Source Control Report

☐ Annual Monitoring and Maintenance Report

#### SECTION F. PERSON RESPONSIBLE FOR CONDUCTING THE REMEDIATION INFORMATION AND CERTIFICATION

Full Legal Name of the Person Responsible for Conducting the Remediation: Solvay Specialty Polymers USA, LLC

Representative First Name: Charles Representative Last Name: Jones

Title: West Deptford Site Manager

Phone Number: (856) 251-3409 Ext: \_\_\_\_\_ Fax: \_\_\_\_\_

Mailing Address: 10 Leonard Lane

City/Town: West Deptford State: New Jersey Zip Code: 08096

Email Address: Charles.Jones@Solvay.com

This certification shall be signed by the person responsible for conducting the remediation who is submitting this notification in accordance with Administrative Requirements for the Remediation of Contaminated Sites rule at N.J.A.C. 7:26C-1.5(a).

*I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, including all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, to the best of my knowledge, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of any statute, I am personally liable for the penalties.*

Signature:  Date: 12-8-2016

Name/Title: Charles M. Jones/West Deptford Site Manager

**SECTION G. LICENSED SITE REMEDIATION PROFESSIONAL INFORMATION AND STATEMENT**LSRP ID Number: 580659First Name: ThomasLast Name: BuggeyPhone Number: (856) 423-8800Ext: 3742Fax: (856) 241-4670Mailing Address: 402 Heron DriveCity/Town: Logan TownshipState: New JerseyZip Code: 08085Email Address: tbuggey@rouxinc.com

This statement shall be signed by the LSRP who is submitting this notification in accordance with N.J.S.A. 58:10C-14, and N.J.S.A. 58:10B-1.3b(1) and (2).

*I certify that I am a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C to conduct business in New Jersey. As the Licensed Site Remediation Professional of record for this remediation, I:*

**[SELECT ONE OR BOTH OF THE FOLLOWING AS APPLICABLE]:**☐ *directly oversaw and supervised all of the referenced remediation, and/or*☒ *personally reviewed and accepted all of the referenced remediation presented herein.*

*I believe that the information contained herein, and including all attached documents, is true, accurate and complete.*

*It is my independent professional judgment and opinion that the remediation conducted at this site, as reflected in this submission to the Department, conforms to, and is consistent with, the remediation requirements in N.J.S.A. 58:10C-14.*

*My conduct and decisions in this matter were made upon the exercise of reasonable care and diligence, and by applying the knowledge and skill ordinarily exercised by licensed site remediation professionals practicing in good standing, in accordance with N.J.S.A. 58:10C-16, in the State of New Jersey at the time I performed these professional services.*

*I am aware pursuant to N.J.S.A. 58:10C-17 that for purposely, knowingly or recklessly submitting false statement, representation or certification in any document or information submitted to the board or Department, etc., that there are significant civil, administrative and criminal penalties, including license revocation or suspension, fines and being punished by imprisonment for conviction of a crime of the third degree.*

LSRP Signature: Thomas R. BuggeyDigitally signed by Thomas R. Buggey  
DN: cn=Thomas R. Buggey, o=Roux Associates, Inc., ou,  
email=tbuggey@rouxinc.com, c=US  
Date: 2016.12.05 11:53:36 -05'00'

Date: \_\_\_\_\_

LSRP Name/Title: Thomas R. Buggey/Vice Pres., Principal HydrogeologistCompany Name: Roux Associates, Inc.

Completed forms should be sent to:

Bureau of Case Assignment & Initial Notice  
Site Remediation Program  
NJ Department of Environmental Protection  
401-05H  
PO Box 420  
Trenton, NJ 08625-0420

And electronically to: [DEPSRP\\_ICU@dep.nj.gov](mailto:DEPSRP_ICU@dep.nj.gov)

This section of the form is not applicable.

## SECTION G. SUBSURFACE EVALUATOR UST REPORT CERTIFICATION FORM

### Certification by the Subsurface Evaluator:

*I certify under penalty of law that the work was performed under my oversight and I have reviewed the report and all attached documents, and the submitted information is true, accurate and complete in accordance with the requirements of N.J.A.C. 7:14B and N.J.A.C. 7:26E. I am aware that there are significant civil and criminal penalties for submitting false, inaccurate or incomplete information including fines and/or imprisonment.*

Name: \_\_\_\_\_ UST Cert. No.: \_\_\_\_\_  
Firm: \_\_\_\_\_ Firm's UST Cert. Number: \_\_\_\_\_  
Firm Address: \_\_\_\_\_  
City/Town: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Phone Number: \_\_\_\_\_ Ext: \_\_\_\_\_ Fax: \_\_\_\_\_  
Email Address: \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Completed forms should be sent to:

Bureau of Case Assignment & Initial Notice  
Site Remediation Program  
NJ Department of Environmental Protection  
401-05H  
PO Box 420  
Trenton, NJ 08625-0420

And electronically to: [DEPSRP\\_ICU@dep.nj.gov](mailto:DEPSRP_ICU@dep.nj.gov)





December 7, 2016

Ms. Erica Bergman  
NJDEP – Bureau of Case Management  
401 East State Street – Mail Code 401-05  
P.O. Box 420  
Trenton, New Jersey 08625-0420

Subject: **Source Control Report**  
**Solvay Specialty Polymers USA, LLC**  
**10 Leonard Lane**  
**West Deptford, New Jersey 08096**

Dear Ms. Bergman:

As the Licensed Site Remediation Professional (LSRP) retained by Solvay Specialty Polymers USA, LLC (Solvay), I have reviewed the attached IEC Source Control Report for the Solvay West Deptford Plant and am submitting on behalf of Solvay. Enclosed are three copies of the IEC Source Control Report for your internal distribution.

Sincerely,  
ROUX ASSOCIATES, INC.

A handwritten signature in blue ink, appearing to read "Thomas R. Bugey".

Thomas R. Bugey, LSRP #580659  
Vice President/Principal Hydrogeologist

cc: Nidal Azzam – U.S. Environmental Protection Agency Region 2 (via email)  
Mitchell Gertz – Solvay Specialty Polymers USA, LLC (via email)  
Christopher Roe – Fox Rothschild (via email)  
Erin Palko – Integral Consulting Inc. (via email)

Enclosures

# **IEC SOURCE CONTROL REPORT**

## **West Deptford, New Jersey, Plant**

*Prepared for*  
**Solvay Specialty Polymers USA, LLC**  
**10 Leonard Lane**  
**West Deptford, NJ 08086**

*Prepared by*  
The logo for Integral Consulting Inc. features the word "integral" in a blue, lowercase, sans-serif font. A thin, curved line starts from the bottom of the letter "i" and sweeps upwards and to the right, ending under the letter "l". Below the word "integral", the words "consulting inc." are written in a smaller, blue, lowercase, sans-serif font.  
**923 Haddonfield Road**  
**Suite 300**  
**Cherry Hill, NJ 08002**

December 6, 2016

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# **1 INTRODUCTION**

On behalf of Solvay Specialty Polymers USA, LLC (Solvay) this report provides a summary of response actions completed to date by Solvay and satisfies the requirement for a Source Control Report pursuant to N.J.A.C. 7:26E-1.11(a) 8. The response actions for perfluorononanoic acid (PFNA) were completed in a manner consistent with the requirements for Immediate Environmental Concerns (IECs) in the New Jersey Department of Environmental Protection (NJDEP) Technical Requirements for Site Remediation.

The NJDEP IEC Response Action Form is included as an attachment to this report.

## 2 SUMMARY OF WORK PERFORMED

On November 25, 2015, the NJDEP posted an interim groundwater quality criterion (IGWQC) for PFNA on its website. Within 24 hours of NJDEP's posting of the IGWQC, Solvay reported to the NJDEP through the Hotline that water in certain domestic potable wells near the Solvay facility contained PFNA at concentrations greater than the IGWQC for PFNA at 11 locations. A copy of the Potable Well IEC Spreadsheet is included as an attachment to this letter and provides details of each sample location (property owner/address), sample date and results, the interim response actions (i.e., bottled water or point of entry treatment [POET] system), and engineered system response actions completed to date.

A summary of the response actions completed is also presented below.

1. Completed the IEC notification to the NJDEP Hotline within 24 hours.
2. Completed the Interim Response Action (bottled water) within five days.
3. Submitted the IEC Response Action Form, Potable Well IEC Spreadsheet, and IEC Information Maps to the NJDEP.
4. Contacted property owners regarding the installation of point-of-entry-treatment (POET) systems.
5. Completed the well search requirements to identify and sample all potable wells, consistent with N.J.A.C. 7:26E-1.14.
6. Submitted a 60-day Response Summary letter report to the NJDEP documenting all activities completed by Solvay through January 26, 2016.
7. Submitted a 120-day Response, Engineered Response Action Report, to the NJDEP documenting all activities completed by Solvay through March 22, 2016.

The following communications have occurred between the NJDEP and Solvay relative to the IEC response actions:

- On December 3, 2015, the NJDEP sent an email to Solvay acknowledging receipt of the IEC Hotline call report sheet.
- On December 17, 2015, Solvay spoke with the NJDEP by telephone regarding the potable

wells and NJDEP's sampling and installation of POET systems. The NJDEP also provided to Solvay via email NJDEP's Installation Schedule Spreadsheet (NJDEP spreadsheet) for POET systems included as part of their overall IEC management. The NJDEP spreadsheet included the addresses of all POETs installed by the NJDEP, the date of installation and the status of any pending installations. The NJDEP spreadsheet included the 11 domestic potable wells presented on the Solvay IEC notification submittal, as well as several others that are not on the Solvay IEC notification submittal because there were no identified connections between these wells and the Solvay site.

- On December 23, 2015, the NJDEP sent a letter to Solvay providing a status of regulatory milestones that also summarized the information from the December 17, 2015 conversation indicating that the NJDEP would be "providing water treatment and or water lines for the private wells that also include the locations identified in Solvay's IEC notification." A copy of the letter was included with the March 22, 2016 Engineered Response Action Report (120 day).
- On January 18, 2016, the Licensed Site Remediation Professional (LSRP), Thomas R. Buggy, submitted a summary status email to the NJDEP documenting activities to date.
- On January 26, 2016, the LSRP submitted the 60-day Response Summary to the NJDEP.
- On February 29, 2016, the LSRP requested additional information from the NJDEP regarding the status of POET systems and post-installation monitoring.
- On March 3, 2016, the NJDEP responded to the LSRP Request for POET system status via email.
- On March 8, 2016, the NJDEP sent a letter to Solvay acknowledging receipt of the 60-day Response Summary.
- On March 22, 2016, the LSRP submitted the 120-day Engineered Response Action Report.
- On March 23, 2016, the NJDEP communicated to Solvay via email that post-POET installation sampling at the remaining residences on bottled water [REDACTED] demonstrated that the POETs were operating as designed and that for these residences bottled water was no longer required.
- On August 12, 2016, the NJDEP completed its review of Solvay's September 22, 2015 Perfluoroalkyl Compounds Work Plan (September 2015 Work Plan) and follow-up comment responses and NJDEP approved the Work Plan. The Work Plan includes the following elements each of which has been completed or is being completed by Solvay:

1) monitoring well installation and sampling; 2) surface water and sediment sampling; and 3) soil sampling. Once this work is completed a Site Investigation Report (SIR) will be prepared and submitted conveying all of the data and proposing additional work. Solvay will submit an SIR in accordance with the Technical Requirements.

### **3 INTERIM RESPONSE, ENGINEERED SYSTEM RESPONSE ACTIONS AND MONITORING**

#### **3.1 BOTTLED WATER**

Bottled water was provided to residents without a POET system as an Interim Response Action within 5 days of the IEC determination. Based on correspondence from the NJDEP bottled water was discontinued at all residences in March 2016, as performance monitoring indicated that the POET systems installed were operating as designed.

#### **3.2 POET SYSTEM INSTALLATION AND MONITORING PROGRAM**

The NJDEP managed the installation of the POET systems prior to the issuance of the IGWQC. The NJDEP also provided to Solvay via email NJDEP's Installation Schedule Spreadsheet (spreadsheet) for POET systems included as part of their overall IEC management. The spreadsheet included the addresses of all POETs installed by the NJDEP, the date of installation, and the status of any pending installations. The spreadsheet included the 11 domestic potable wells presented on the Solvay IEC notification submittal, as well as several others that are not on the Solvay IEC notification submittal because there are no currently identified connections to the Solvay site.

The Potable Well IEC Spreadsheet and IEC Map are included as Appendix A and Figures 1, 2a – 2f respectively, and have been updated based on groundwater investigation activities to reflect changes in the number of domestic potable wells included in the IEC. Fourteen potable wells are included in the IEC (one well is excluded as the use classification is Irrigation). Four potable wells were added to the IEC as a result of groundwater investigation activities conducted between March 2016 and the present.

As part of the post-POET installation monitoring, the NJDEP collected samples from each of the properties where a POET system was installed on a quarterly basis. The results of the sampling indicated that bottled water could be discontinued as the POET systems were operating as designed. Solvay understands that the NJDEP will continue post-POET system installation monitoring in accordance with the schedule set by the NJDEP to ensure that the POET systems are operating effectively.

#### **3.3 WATER MAIN CONNECTIONS**

West Deptford Township reports that, in conjunction with the NJDEP, it is installing public water supply to a number of properties that currently use private wells. Through a series of

municipal ordinances issued by West Deptford in 2015 and 2016 mandating that once a public water supply is available, properties identified in West Deptford are required to hook up to the public water supply system and abandon the private potable wells located on the property (West Deptford Ordinances: O-2015-18, O-2015-16, O-2015-23 and O-2016-08), twenty-two properties in West Deptford will be required to connect to the public water supply system. According to West Deptford, the proposed water main connections are to be completed in phases, and the first phase of this project is complete and the second phase is underway. A copy of the West Deptford Ordinance 2016-08 (most recent) is included as Appendix B.

## **4 DATA USABILITY SUMMARY**

Samples collected by Solvay as part of the private well testing were submitted for independent third party data validation by Laboratory Data Consultants of Carlsbad, California. Ten percent of the samples were evaluated using Stage 4 data validation protocols (USEPA, 2009) and the remaining were evaluated using Stage 2B data validation protocols (USEPA, 2009). Based on this review, it was determined that the laboratory consistently followed standard operating procedures as approved by the Office of Quality Assurance as part of laboratory certification. All data collected were determined to be usable for the intended purpose.

It is Solvay's understanding from communications with NJDEP that post-POET system sampling is conducted by the NJDEP. As such, Solvay understands that the usability of the results would be determined by the NJDEP and any additional validation or re-sampling would be conducted by the NJDEP.



## 5 DESCRIPTION OF SOURCE AREAS

### Site Soils

In its September 2015 Work Plan, Solvay identified proposed locations on its plant site for soil borings to determine potential sources areas of PFAS in plant site soils. The locations proposed in the September 2015 Work Plan were modified and finalized based on discussions and input from NJDEP. Subsequently, in May 2016, prior to receiving final approval of its September 2015 Work Plan, Solvay initiated a site investigation of potential areas of concern (AOCs) by conducting the soil boring activities. PFNA was detected in plant site soils (though the extent of PFNA in soil has not yet been delineated) and the affected soils are considered potential sources of PFNA to the groundwater. The results of the soil investigation will be submitted to the NJDEP as part of the Site Investigation Report (SIR).

The SIR will include a work plan to further define the potential plant site soils AOCs and to provide information upon which to develop potential options for addressing this source area.

In addition, neither a soil remediation standard nor a screening level for PFNA has been established. Solvay is also evaluating the development of a site-specific partitioning coefficient for PFNA (included in the September 2015 Work Plan). Understanding the relationship between aqueous and adsorbed perfluoroalkyl substances (PFAS) across a range of site-specific conditions will provide a basis for evaluating the potential for leaching of historic PFAS migration from soils to groundwater with an end goal of developing a site-specific soil to groundwater soil remediation standard. The development of the soil standard provides a metric to evaluate potential remediation techniques and measure the scope and effectiveness of remedial actions in the source area.

As PFNA has not been previously regulated, proven remediation technologies for onsite soil remediation/stabilization or offsite disposal have not yet been developed. Solvay's source control to date has focused on PFAS mass removal using the existing groundwater extraction and treatment, as described below.

### Site Groundwater

As a result of previous sampling conducted by Solvay since 2014, prior to the issuance of interim standard for PFNA in groundwater, Solvay identified PFNA in groundwater beneath the plant site at levels that exceed the interim standard. As described below in Remediation/Response Action of IEC Contaminant Source, Solvay is operating and will continue to operate a groundwater recovery and treatment system at the plant site that treats recovered water for PFAS as well as volatile organic compounds (VOCs) also identified in the groundwater.

In addition the site investigation of off-site groundwater is underway. A remedial investigation will be performed to delineate the dissolved PFNA in groundwater.

## 6 RECEPTOR EVALUATION SUMMARY

In 2014, prior to the issuance of an IGWQC for PFNA and prior to the initiation of any site or remedial investigation for groundwater, Solvay conducted a well search at the direction of the NJDEP over a broad area without regard to whether wells could be affected by the site, to evaluate the potential presence of PFNA in private potable wells. The following sources were contacted or reviewed:

- NJDEP Bureau of Water Allocation (all wells in Gloucester County)
- West Deptford Township
- NJDEP Bureau of Water Allocation (Dataminer)
- Water purveyors
- Area-wide canvass

In addition, the NJDEP periodically provided to Solvay additional information on potential private potable wells in West Deptford for evaluation and potential sampling. Solvay conducted well searches on each address provided by NJDEP and responded to NJDEP with the results of those searches.

As a result of the well search activities, over 124 properties were identified as potentially having a private potable well and as of September 2015, 93 properties were sampled. The remaining properties were confirmed to not have a private potable well in use or the properties were (and remain) vacant. The results of the sampling were provided to the NJDEP in multiple deliverables, the most recent on October 27, 2015.

As noted above, additional offsite monitoring wells were installed and sampled in September 2016. Solvay is evaluating whether any additional well search would be needed or whether the initial scope is sufficient.

An updated receptor evaluation will be submitted under separate cover.

## 7 REMEDIATION/RESPONSE ACTION OF IEC CONTAMINANT SOURCE

As noted above, based on sampling conducted since 2014, both before and after the issuance of the IGWQC for PFNA, Solvay has detected PFAS in the plant site groundwater above the IGWQC.

To address the presence of VOCs in plant site groundwater, Solvay had previously installed and continues to operate a groundwater pump and treat system (GWP&T) that recovers and treats site groundwater.

The initial GWP&T system consisted of the following:

- Four recovery wells (RW-1 through RW-4) equipped with submersible electric pumps,
- Ground water conveyance piping with flow meters and flow control valves,
- Influent ground water mixing/equalization tank,
- Two low-profile air strippers in parallel,
- pH-adjustment tank and controls, and
- Precipitation and clarification tank.

In 2015, Solvay modified the existing GWP&T system to address the presence of PFAS compounds in site groundwater. In February 2015, prior to the issuance of the IGWQC and before any regulatory requirement applied, Solvay added a pressure sand filter and granular activated carbon (GAC) tank to the treatment train to address PFAS compounds in extracted groundwater. After treatment, the extracted groundwater is stored in tanks where it mixes with water from the onsite supply wells. The extracted groundwater is reused in the plant manufacturing process. Solvay, as part of its Remedial Action Work Plan approval for the ISRA project, submits annual progress reports detailing the system performance, system upgrades/repairs, and modifications. As part of the NJPDES Permit, Solvay collects monthly outfall samples at the discharge to the Delaware River. This discharge includes water from the groundwater treatment system after its utilization in the plant.

## **8 REFERENCES**

USEPA. 2009. Guidance for labeling externally validated laboratory analytical data for Superfund use. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, Washington, DC.

## FIGURES

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## **APPENDIX A**

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### **POTABLE WELL IEC SPREADSHEET**



# Exemption 6

VERSION 1.3  
DATE: 12/2014

POTABLE WELL IEC SPREADSHEET

CASE NAME  
PI#

Solvay Specialty Polymers USA, LLC.  
015010

**DIRECTIONS FOR ADDING DATA ROWS AND ADDITIO**

To Add Additional Rows for a sample location

To add new locations sele

Count	PROPERTY ID		PROPERTY OWNER/OCCUPANT INFORMATION								Reason Not Sampled	Date Sampled	Sample Type	Sample D #	AN
	Block	Lot	Name	Relation	#	Street	City	Zip Code	Phone	email					
1												08/04/2015	Initial-duplicate		
												08/04/2015	Initial		
			BLANK ROW												
2												05/20/2014	Initial		
			BLANK ROW												
3												08/12/2015	Initial		
			BLANK ROW												
4												09/11/2015	Initial		
			BLANK ROW												
5												12/05/2014	Initial		
			BLANK ROW												
6												06/03/2014	Initial		
												06/30/2014	Initial-duplicate		
			BLANK ROW												
7												06/04/2014	Initial		
			BLANK ROW												
8												06/04/2014	Initial		
												06/04/2014	Initial-duplicate		
												06/04/2015	Initial		
			BLANK ROW												
9												06/04/2014	Initial		
												06/04/2015	Initial		
			BLANK ROW												
10												06/04/2014	Initial		
												06/04/2014	Initial		
			BLANK ROW												
11												06/06/2014	Initial		
			BLANK ROW												
12												06/05/2014	Initial		
			BLANK ROW												
13												07/17/2014	Initial		
			BLANK ROW												
14												06/05/2016	Initial		
			BLANK ROW												
15													Initial		
												01/14/2015	Initial		
												12/16/2015	Initial		
			BLANK ROW												

## Exemption 6

VERSION 1.3  
DATE: 12/2014

POTABLE WELL IEC SPREADSHEET

CASE NAME  
PI#

Solvay Specialty Polymers USA, LLC.  
015010

**NEW LOCATION!**

Click New Location Template tab at bottom of screen.

Count	PROPERTY ID		PROPERTY OWNER/OCCUPANT ANALYTICAL RESULTS (Bold all exceedances)										INTERIM RESPONSE - 5 DAYS		
	Block	Lot	Name	Relation	#	Street	COC1	ppb	COC2	PPB	COC3	PPB	Date Provided	Type	Provided by
1							PFNA	0.027					8/24/2015	Bottled water	RP
							PFNA	0.028							
			BLANK ROW												
2							PFNA	0.1					12/8/2014	POET	DEP
							PFNA	0.028					10/13/2015	Bottled water	RP
							PFNA	0.028					9/14/2015	Bottled water	RP
							PFNA	0.013					11/30/2015	Bottled water	RP
							PFNA	0.016					3/31/2015	POET	DEP
							PFNA	0.016							
							PFNA	0.052					12/5/2014	POET	DEP
							PFNA	0.05					12/12/2014	POET	DEP
							PFNA	0.048							
							PFNA	0.056							
							PFNA	0.012					4/2/2015	POET	DEP
							PFNA	0.016							
							PFNA	0.016					11/30/2015	Bottled water	RP
							PFNA	0.014							
							PFNA	0.039					12/10/2015	POET	DEP
							PFNA	0.14					3/13/2015	POET	DEP
							PFNA	0.19					12/5/2014	POET	DEP
							PFNA	0.12					12/11/2014	POET	DEP
							PFNA	0.014					4/14/2016	POET	DEP
							PFNA	0.0098							
							PFNA	0.022							
			BLANK ROW												

Exemption 6

VERSION 1.3  
DATE: 12/2014

POTABLE WELL IEC SPREADSHEET  
CASE NAME  
PI#

Solvay Specialty Polymers USA, LLC.  
015010

Count	PROPERTY ID		PROPERTY OWNER/OCCUPANT			ENGINEERED SYSTEM RESPONSE ACTION- 60 DAYS					Well Type	EC	Comments	
	Block	Lot	Name	Relation	#	Street	Date	Control	POET Type	Monitoring Schedule				
1							2/16/2016	POET	GAC	Quarterly	Domestic Potable	Yes	POET installed by NJDEP	
							12/8/2014	POET	GAC	Quarterly	Domestic Potable	Yes	POET installed by NJDEP Initial samples collected prior to POET installation.	
							NA	NA	NA		Domestic Potable	Yes	No occupant; vacant. POET will be installed by NJDEP	
							12/10/2015	POET	GAC	Quarterly	Domestic Potable	Yes	POET installed by NJDEP Initial samples collected prior to POET installation.	
							NA	NA	NA	NA	Domestic Potable	Yes	No occupant; vacant. POET will be installed by NJDEP Bottled water delivery suspended (no occupant).	
							3/31/2015	POET	GAC	Quarterly	Domestic Potable	Yes	POET installed by NJDEP Initial samples collected prior to POET installation.	
							12/5/2014	POET	GAC	Quarterly	Domestic Potable	Yes	POET installed by NJDEP Initial samples collected prior to POET installation.	
							12/12/2014	POET	GAC	Quarterly	Domestic Potable	Yes	POET installed by NJDEP Initial samples collected prior to POET installation.	
							4/2/2015	POET	GAC	Quarterly	Domestic Potable	Yes	POET installed by NJDEP Initial samples collected prior to POET installation.	
							NA	NA	NA	NA	Irrigation	No	Bottle water was dropped off on 11/30 NJDEP (12/17) - irrigation well NJDEP (1/20) - potable water is provided by municipality.	
			BLANK ROW											
11							12/10/2015	POET	GAC	Quarterly	Domestic Potable	Yes	POET installed by NJDEP Initial samples collected prior to POET installation.	
12							3/13/2015	POET	GAC	Quarterly	Domestic Potable	Yes	POET installed by NJDEP Initial samples collected prior to POET installation.	
13							12/5/2015	POET	GAC	Quarterly	Domestic Potable	Yes	POET installed by NJDEP Initial samples collected prior to POET installation.	
14							12/11/2014	POET	GAC	Quarterly	Domestic Potable	Yes	POET installed by NJDEP Initial samples collected prior to POET installation.	
15							4/14/2016	POET	GAC	Quarterly	Domestic Potable	Yes	Sampling by NJDEP 1/14/2015; results below ISGWQC; Resample 12/16/2015; POET installed by NJDEP.	

## **APPENDIX B**

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WEST DEPTFORD ORDINANCE

O-2016-08

**WEST DEPTFORD**

**ORDINANCE # 2016-08**

**AN ORDINANCE OF THE TOWNSHIP OF WEST DEPTFORD WAIVING INITIAL COSTS OF INSTALLATION OF WATER METERS AND WAIVING WATER CONNECTION FEES FOR ALL PRIVATE PROPERTIES TO BE CONNECTED TO THE PUBLIC WATER SUPPLY THROUGH THE NJ DEP POTABLE WELL PROJECT IN THE TOWNSHIP OF WEST DEPTFORD**

**WHEREAS**, the State of New Jersey Department of Environmental Protection has determined that certain private properties located within the Township of West Deptford are located in an area defined as containing properties that have contaminated or threatened private potable wells and should be connected to the public water supply system and the private potable wells sealed; and

**WHEREAS**, the State of New Jersey Department of Environmental Protection and the Township of West Deptford have entered into an agreement for the construction of a public water supply system that includes the construction of service connections and sealing of private potable wells at those properties defined as having contaminated or threatened private potable wells; and

**WHEREAS**, the Township of West Deptford has determined that once a public water supply is available to these properties the properties shall be required to hook-up to the public water supply system and abandon the private potable wells located on the property; and

**WHEREAS**, the Township adopted Ordinance # 2015-16 on September 2, 2015 Mandating the Connection to the Public Water System and the Sealing of Contaminated Potable Wells for Those Properties Located On Clement Drive and Including Any Other Properties With Contaminated Potable Wells Located Within the Township of West Deptford; and

**WHEREAS**, the Township Committee determined that additional properties needed to be added to the list of properties; and

**WHEREAS**, the additional properties were added to the list and Ordinance #2015-16 was supplemented by the adoption of Ordinance #2015-18 on October 21, 2015 and Ordinance #2015-23 on December 2, 2015; and

**WHEREAS**, the Township Committee has determined that the necessity to connect to the

public water supply and seal private potable wells is not the fault of the property owners; and

**WHEREAS**, the Township Committee desires to waive the initial costs of the installation of water meters and water connection fees for all properties to be connected to the public water supply through the NJ DEP Potable Well Project in the Township of West Deptford.

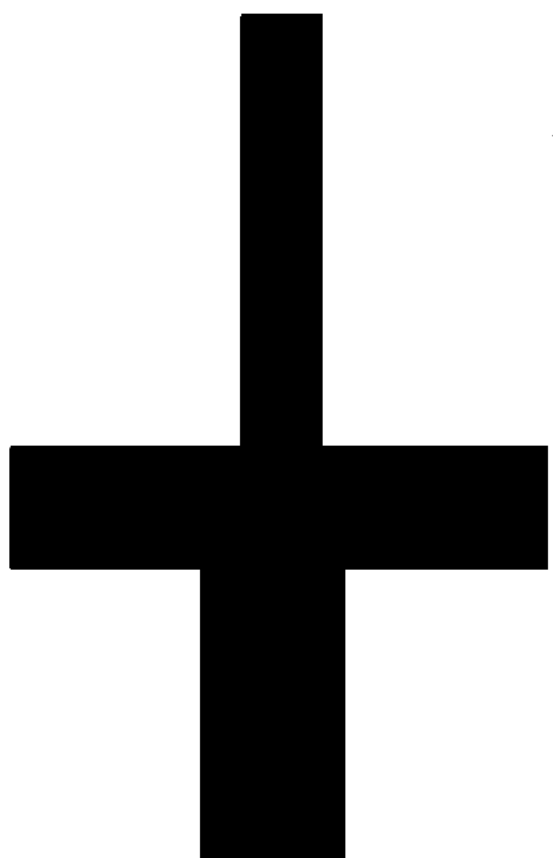
**NOW, THEREFORE, BE IT ORDAINED** by the Township Committee of the Township of West Deptford, County of Gloucester and State of New Jersey as follows:

1. The following properties are required to connect to the public water supply in the Township of West Deptford:

**Block**



**Lot**



2. All initial costs for the installation of water meters and water connection fees from West Deptford Township for all private properties to be connected to the public water supply through the NJ DEP Potable Well Project in the Township of West Deptford shall be waived.

3. This Ordinance pertains to the private properties as listed herein and shall apply to any private properties that may be added and/or included in the NJDEP Potable Well Project in the Township of West Deptford.

4. If any section or provision of this Ordinance shall be held invalid in any Court of competent jurisdiction, the same shall not affect the other sections or provisions of this Ordinance, except so far as the section or provision so declared invalid shall be inseparable from the remainder or any portion thereof.

5. All Ordinances or parts of Ordinances which are inconsistent herewith are hereby repealed to the extent of such inconsistency.

**BE IT FURTHER ORDAINED** that this Ordinance shall take effect immediately upon final passage and publication as required by law.

**TOWNSHIP OF WEST DEPTFORD**



**DENICE DICARLO, Mayor**

**Attest:**



**LEE ANN DEHART, Acting Municipal Clerk**



**INTRODUCED** at a meeting of the Township Committee of the Township of West Deptford, held on April 20, 2016.

ROLL CALL VOTE				
	AYES	NAYS	ABSTAIN	ABSENT
Denice DiCarlo	✓			
Jeff Hansen	✓			
James Mehaffey	✓			
Jerry Maher	✓			
Adam Reid	✓			
<b>TALLY:</b>	5			

**ADOPTED** at a meeting of the Township Committee of the Township of West Deptford, held on May 18, 2016.

ROLL CALL				
	AYES	NAYS	ABSTAIN	ABSENT
Denice DiCarlo	✓			
Jeff Hansen				✓
James Mehaffey	✓			
Jerry Maher	✓			
Adam Reid	✓			
<b>TALLY</b>	4			1